

**REMARKS**

Claims 64-83 are currently pending. Claims 64, and 71-75 are amended.

**REJECTIONS UNDER 35 U.S.C. §103**

Claims 64-83 are rejected under 35 U.S.C. §103(a) as being unpatentable over Inoue (U.S. Pat. Pub. 2002/0036991, hereinafter “Inoue”) in view of Yuan (U.S. Pat. 6,496,704, hereinafter “Yuan”). Applicant respectfully traverses.

Regarding claim 64, the Examiner asserts that Inoue teaches each and every element except a tunnel setup between a fixed terminal and an ad hoc node. The Examiner further asserts that Yuan cures Inoue’s defects.

Applicant respectfully submits that Inoue and Yuan, either alone or in combination, do not teach each and every element of claim 64 for the following reasons.

Claim 64 has been amended to recite:

said transmission/reception unit comprises a first tunnel setup unit for setting up a first tunnel link between said gateway and said second terminal node by encapsulating a transmission packet received from said first terminal node and having a global source address of said first terminal node and a global destination address of said second terminal node into a modified transmission packet having an ad hoc source address of said gateway and an ad hoc destination address of said second terminal node, wherein said transmission/reception unit transmits said transmission information and receives said acknowledgment information to and from said second terminal node respectively through said first tunnel link.

Yuan does not teach the above aspects of the encapsulation. In particular, Yuan has always described the use of **one and only one** new address with respect to its tunnelling (column 3, lines 32-38, column 4, line 29, column 5, lines 21-22, column 7, lines 7-10, and 59, column 8, lines 3 and 17, column 10, lines 40-42, column 12, line 1, column 13, lines 12-15, and column 15, lines 24-26).

In contrast, claim 64 recites that a pair of addresses are encapsulated into another pair of addresses.

More generally, Yuan is directed to a Cellular Digital Packet Data (CDPD) network system. Such Cellular radio system is readily distinguishable from an ad hoc network because, at least, that the access to the CDPD network is predetermined (column 1, lines 45-54).

Furthermore, Inoue also does not concern ad hoc networks. In particular, Inoue teach to enable access to a fixed communication network from a mobile terminal that belongs to a mobile carrier that does not have the right or qualification to access the network via a local network/gateway.

Therefore, applicant respectfully submits that Inoue and Yuan, either alone or in combination, do not teach or suggest each and every element of claim 64. Also, claims 71, 74, 75, and their dependent claims are allowable over the cited references for at least the above reasons.

## **CONCLUSION**

Based on the foregoing, Applicant submits that the present application is in condition for allowance. If the Examiner believes that any outstanding issue could be resolved through a telephone interview, Applicant kindly requests the Examiner to contact the undersigned at the telephone number listed below. Applicant believes that no additional fees are due for the subject application. However, if for any reason a fee is required, a fee paid is inadequate or credit is owed for any excess fee paid, you are hereby authorized and requested to charge Deposit Account No. 141449.

Dated: April 8, 2010

Respectfully submitted,  
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